



Assistant U.S. Attorney Alope Chakravarty, one of Dzhokhar Tsarnaev's prosecutors, gives his closing arguments on Monday.

Tsarnaev guilty of bombing marathon, killing MIT officer

Jury to decide whether 21-year-old gets death penalty or life in prison

By Drew Bent, Tushar Kamath, and Ray Wang
EDITORS

Dzhokhar Tsarnaev was found guilty on Wednesday of all 30 counts he was charged with in the Boston Marathon bombings, including the killing of MIT police officer Sean Collier. The verdict was unanimously reached by the jury after 11 hours of deliberations over two days.

As early as next week, the trial could enter the sentencing phase, in which the jury will determine if

Tsarnaev is given the death penalty or life in prison without parole. Out of the 30 convictions, 17 could carry the death penalty.

"While today's verdict can never bring Sean back, we are thankful that Tsarnaev will be held accountable for the evil that he brought to so many families," members of Sean Collier's family said in a statement Wednesday. "[If] these terrorists thought they would somehow strike fear in the hearts of people, they

Tsarnaev Page 13

Cambridge set to ban single-use plastic bags

Ordinance aimed at preserving environment passes in 8-1 vote, will take effect March 2016

By Jennifer F. Switzer
STAFF REPORTER

Cambridge has become the largest city on the East Coast to ban single-use plastic bags with the passing of the "Plastic Bag Reduction Ordinance" on March 30. City councillors voted 8-1 to ban single-use plastic bags and impose a 10-cent fee on paper bags.

Taking effect in March 2016, the ordinance requires food and retail services to replace plastic check-out bags with reusable bags or offer recyclable paper bags for 10 cents. Failure to do so could result in a non-compliance fee of up to \$300 per day.

At the request of Councillor Marc McGovern, the legislation also requires the city to purchase 10,000 reusable bags for low-income residents and the elderly.

The ban will have implications for many popular on-campus dining and retail services, such as LaVerde's, The Coop, and the Stata Center's Forbes Family Cafe run by Chartwells, all of which exclusively provide single-use plastic checkout bags.

Don Link, Director of Dining Services for Chartwells Higher Education, said that he is working with his corporate management to develop a "new environmentally friendly approach" in response to the ban.

The ordinance states that the reduction of disposable bags in Cambridge is "a public purpose that protects the marine environment, advances solid waste reduction and protects waterways." The ordinance is intended to get people to use reusable shopping bags.

Some Cambridge store owners have contested the ban, arguing that it will cause undue hardship and will not have the desired environmental impact. Brian Houghton, the vice president of the Massachusetts Food Association (MFA), a supermarket trade group that includes Shaws/Star Market and Trader Joe's, argued that the ban would harm business. He also claimed the ban would disrupt the MFA's current recycling and litter-reduction efforts, which have helped contribute to a 33 percent reduction in disposable bag distribution.

Plastic, Page 11

SAO to put 'checks and balances' on student group transactions

After Lil B controversy, new measures are added to process of signing contracts, transferring big sums between groups

By Katherine Nazemi
NEWS EDITOR

In wake of the controversy surrounding rapper Lil B's appearance on campus, the Student Activities Office (SAO) will be adding additional "checks and balances" to the process by which student groups can enter into contracts with outside service providers and transfer funds between other groups, according to Leah Flynn Gallant, director of the SAO.

These changes come in response

to an incident where a student misrepresenting himself as a member of the Black Students' Union (BSU) initiated a contract with Lil B without the group's knowledge. BSU President Grace B. Assaye '16 described the subsequent series of events, involving a transfer of funds from the UA which the Judicial Board later ruled "constitutionally inappropriate," as "a learning experience for the offices that were involved."

"There was really no fact checking in the process, there was no

making sure that people who signed off on things were signatories, or actually part of the organization, which really could have prevented these things from happening," said Assaye. "It's up to the UA and the SAO to fix that part of the process, which I think the SAO has already done."

Measures taken by the SAO include requiring "a secondary approval on transfers in excess of \$10,000," said Colin Codner, Assis-

Lil B, Page 14

IN SHORT

Should MIT divest? A debate on fossil fuel investments will be held in Kresge on Thursday, April 9, from 4:30 to 6 p.m.

A naming dedication will be held at the MIT Chapel on Tuesday, April 14, at 12:30 p.m. The stained-glass corridor in the Chapel will be named in honor of the late wife of an MIT alumnus (PhD '68).

Campus Preview Weekend runs from next Thursday, April 16, to April 19. Get ready to welcome prefrish to campus!

Ring delivery for the Class of 2017 will take place on April 22 at the Institute of Contemporary Art.

Drop date is Thursday, April 23.

Send news and tips to news@tech.mit.edu.



CHRISTOPHER A. MAYNOR—THE TECH

Ruth Westheimer signs copies of the newest edition of her book, *Sex for Dummies*, after a discussion about sex in the modern day last Thursday evening. Almost 87 years old and just 4 feet 7 inches tall, Westheimer gave a spirited talk about topics including loving relationships, premature ejaculation, and sexual assault.

BIG BROTHER IS WATCHING

A cybersecurity bill threatens your privacy.
OPINION, p. 4

TRY YOUR HAND AT THESE PUZZLES

Check out this week's Technical Problems.
FUN, p. 6



FOOTWORK

MIT dance groups show off their moves.
PHOTOS, p. 8

SEXUAL ASSAULT AWARENESS MONTH IS APRIL

A student tells her story.
CAMPUS LIFE, p. 10

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Spring?

A late-season push of cool air has reminded Bostonians of a dreadfully active winter. Yesterday, Boston saw light rain with sleet mixing in at times. A low pressure system to the south has pushed a tongue of warmer air into region, causing snow to melt as it falls to the surface. After passing through the warm layer, precipitation refreezes and reaches the ground as sleet.

Today, a wintry mixture of sleet and rain will transition to all rain as warmer air works into the region. Tomorrow, winds shift to the south ahead of an approaching cold front, allowing highs to reach 61°F (16°C). The front swings through Boston Friday night, bringing drier and slightly cooler conditions on Saturday. Pleasant weather should stick around through the early part of next week, with clear skies and highs in the low 60s°F (16°C).

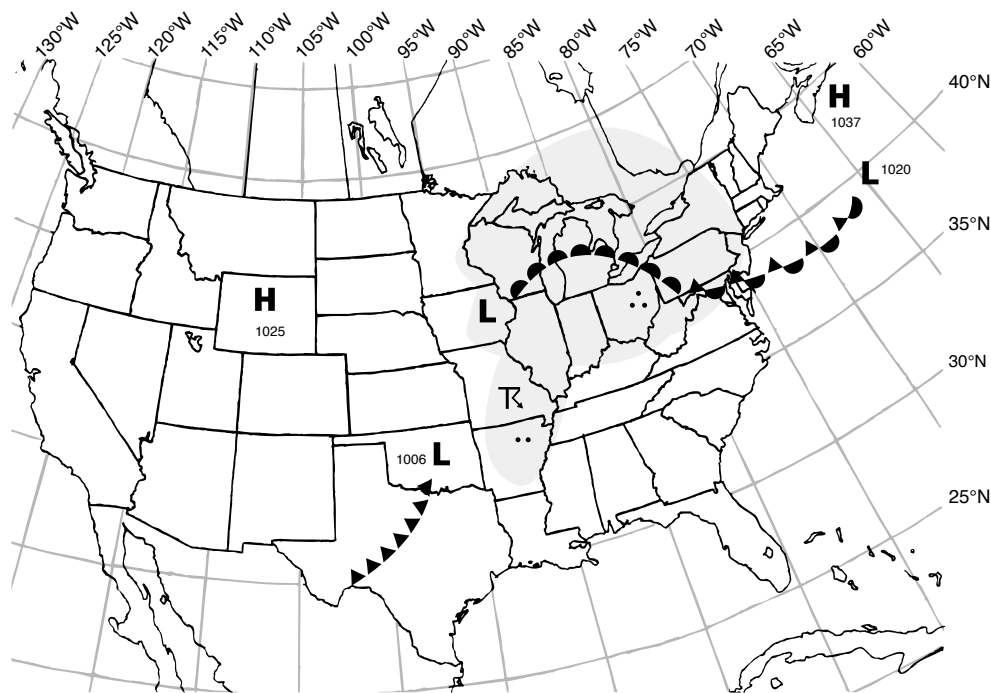
Today: Rain and sleet, with a high of 37°F (3°C). Winds from the northeast at 15 mph.

Tonight: Wintry mix changing over to rain. Low of 37°F (3°C) with winds from the northeast.
















Tomorrow: Scattered showers with a high of 61°F (16°C). Winds from the south at 10 mph.

Saturday: Partly cloudy with a high of 59°F (15°C).

Sunday: Sunny with a high of 60°F (16°C).



Situation for Noon Eastern Time, Thursday, April 9, 2015

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
H High Pressure	 Trough	<div>Snow</div>	<div>Rain</div>	 Fog
L Low Pressure	 Warm Front	Showers 		 Thunderstorm
		Light 		 Haze
§ Hurricane	 Cold Front	Moderate 		Compiled by MIT Meteorology Staff and <i>The Tech</i>
	 Stationary Front	Heavy 		



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```
from new_skills import *  
  
def learnMarketableJobSkills():  
    return linux, OSX, javascript, applescript, perl, python, PHP  
  
if self.interest == True:  
    print "E-mail join@tech.mit.edu"
```

```
----:----F1 joinTechno.py      (Python)--L1--Top-----
```


A sampling of people you'll meet during a typical dinner at The Tech:

- | | | |
|-------------------------|---------------------------|---------------------------|
| Derek, Course 1 | Will, Course 8 | Anne, Course 17 |
| Kath, Course 2 | Jess, Course 9 | Leon, Course 18 |
| Esme, Course 3 | Joyce, Course 10 | Jack, Course 19 |
| Dohyun, Course 4 | Vince, Course 12 | Tushar, Course 20 |
| Vivian, Course 5 | Anthony, Course 14 | Stephen, 21/CMS |
| Austin, Course 6 | Maggie, Course 15 | Keith, Course 22 |
| Kali, Course 7 | Chris, Course 16 | Marissa, Course 24 |

Meet your new pset support group



Four professors named 2015 MacVicar Fellows

On March 13, four MIT professors were named MacVicar Fellows for their contributions to undergraduate education: Arthur Bahr, Catherine L. Drennan, Lorna J. Gibson, and Hazel L. Sive. Each will receive \$10,000 annually for 10 years to aid them in their efforts to enhance the learning experience at MIT.

Bahr is the Alfred Henry and Jean Morrison Hayes Career Development Associate Professor of Literature. Drennan is a professor of chemistry and biology and a Howard Hughes Medical Institute professor and investigator. Gibson, the Matoula S. Salapatras Professor of Materials Science and Engineering, is a professor of civil and environmental engineering and mechanical engineering. Sive is a professor of biology.

Arthur Bahr joined the MIT

faculty in 2007 as an assistant professor of literature with a PhD from University of California Berkeley. According to the MIT News Office, one student described him as able to make medieval studies “cool,” teaching to the subject in fun yet challenging ways.

Catherine L. Drennan teaches Principles of Chemical Science (5.111) and has worked at MIT for the past 15 years. In that time, she has tried to “develop classroom material that shows the connection between chemistry and other disciplines, and how chemistry can be used to solve real-world problems,” she said in an interview with the MIT News Office.

Lorna J. Gibson became an associate professor of Civil Engineering in 1984 and is described as “crystal clear in her thinking and explanations, totally orga-

nized, utterly engaging.” Students described her as able to explain tough concepts clearly and coherently while exciting them about the wonders of engineering.

Hazel L. Sive joined the faculty in 1991 and teaches Introductory Biology (7.013). Sive is described as a caring professor whose “incredible energy and enthusiasm” lets her connect with students and become a mentor outside of the classroom.

Since the program's inception in 1992 to commemorate MIT's first Dean of Undergraduate Education and founder of the Undergraduate Research Opportunities Program Margaret MacVicar, MIT has named 42 MacVicar fellows. This year's fellows were named at a symposium hosted by Dean for Undergraduate Education Dennis Freeman PhD '86.

—Anuhya Vajapeyajula

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48 Any birthstone	54 Nursery furnishing
50 __-cone (summer treat)	56 Cancelled, informally
52 Make wicker baskets	57 Take a fall
53 Biggest of the Berenstain Bears	59 Debate side
	60 Unconventional

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Langston E. Fitts '16 leads MIT's Ridonkulous in a number on Friday night.



Katrina Mikofalvy '18 (right) dances with MIT's Fixation dance troupe.



Langston E. Fitts '16 roars during the closing number by MIT's Ridonkulous.



MIT's Construct gives a colorful show.



MIT Bhangra dancers (from left) Keerti Shukla '15, Nikita K. Kodali '17, and Aneesh M. Anand '17 perform.



Phunk Phenomenon Urban Dance Theatre perform at Footwork.

DANCE REVIEW

Revelations in body and soul

Review of the Alvin Ailey American Dance Theater

By Davie Rolnick
STAFF WRITER

Try telling a wordless story in five minutes that inspires your audience and distills reality. At the Alvin Ailey American Dance Theater (AAADT), this art is perfected by a team of performers as graceful and poetic as they are energetic and assured. Billed as a “ballet,” Alvin Ailey is refreshingly accessible and attracts a more diverse audience than the typical “Nutcracker” or “Swan Lake.” While generally following the forms of classical ballet, the show includes contemporary music and costuming, and small gestures like jazz hands or waving goodbye help turn dancers into relatable people.

The piece “Bad Blood” is a captivating reflection on relations between the sexes. With striking, clear-cut moves that recall physical training (there’s even a gym bench on stage), the dancers exchange dominance and alternately display strength and weak-

ness, as if in a delicately choreographed game. In music by Laurie Anderson, the singer muses on how people move: “You’re falling, and you catch yourself from falling, and this is how you can be walking and falling at the same time.”

“Revelations” is Alvin Ailey’s signature work, according to Gregory Stuart, company manager at the AAADT. The costumed dancers look as if they could have stepped out of a Baptist festival in 1940s Texas, and the music declares “Fix me Jesus!” and “Lord, I wanna be ready.” By turns, the company mourns, flees from sin, crosses a Jordan River (of blue ribbons), and ends with an ecstatic jubilee in which the audience can join in clapping. There is a powerful sense of community in “Revelations,” a striking demonstration of the dancers’ ability to work as a unit without leads, yet with each individual a unique character.

Beneath the rituals and the exquisite choreography, there is a subtler message

that dates back to the 1960 premiere. “To me, it’s a protest,” said Shannan Smith, who trained with the Alvin Ailey dance school and now works at the MIT Alumni Association. “A piece about a Negro spiritual with the text ‘I’ve been ‘buked, and I’ve been beaten.’ And that was the piece that they performed when they went round the world.”

The AAADT was founded in 1958 by dancer and choreographer Alvin Ailey. In 1962, it was selected by President Kennedy to represent the U.S. in an international cultural tour — the first such company to be predominantly black. Though it welcomes dancers of all races, the AAADT remains active in representing the black experience. With reference to herself as a woman of color, Smith declared: “Their virtuosity and the pride they exude — it gives me permission to feel prideful.”

Based in New York City, the company continues to tour widely. “We travel with

our own stage,” said Stuart, pointing out the multiple layers of roll-out flooring that provide a firm, slightly springy surface for dancing. By bringing its own tech, the AAADT can dance pretty much anywhere. “We have three tractor-trailers,” added Mychael Chinn, assistant company manager. “They come in at 8 a.m. and we can be performing at 12.”

With such a smooth routine, it is perhaps a challenge to keep much-performed numbers fresh, and at times “Revelations” seems just slightly too polished. Many of the company’s most iconic dances date from the 1960s and have been performed continuously since that time, though new dances continue to be choreographed. Generally, however, each gesture and each number comes across with the characteristic Alvin Ailey vitality, and the dancers are visibly captivated by the art they are creating. Stuart spoke with wonder: “Every night, you get to explore something new.”

EXHIBIT REVIEW

Capturing experience

Works by Herb Ritts on display at the MFA

By Ka-Yen Yau

Herb Ritts has returned to Boston’s Museum of Fine Arts for the first time since 1996. The exhibit opened on March 14, and it revisits some of the American fashion photographer’s finest works.

The exhibit opens with a striking photograph of Madonna’s strong and unwavering stare. Madonna and Ritts collaborated frequently, and she reappears throughout the rest of the gallery in other photos. The audience first sees only her eyes though, a simple reminder that our eyes are central to the experience of visual art, because our eyes facilitate the appreciation and creation of beauty. Ritts’ camera was the means by which he immortalized his vision, therefore the piece also suggests that these photographs allow the audience to see the world the way that Ritts did.

Ritts was drawn to clean lines and strong forms, emphasized through his use of black-and-white photography, a style that produces dramatic and striking results. For a large part of his career, Ritts was fascinated with portraying the

idealized body, an homage to the ancient Greek’s fascination with the ideal man. His photographs focused on highlighting the human body’s beauty and details, and the monochromatic, gray-hued bodies of his models closely resemble the marble of classical Greek sculpture. Ritts used photography as a “modern interpretation of the antique form,” made especially clear in *Tony with Black Face, Profile, Los Angeles, 1986*. In this photograph, actor Tony Ward is pictured with dried, cracked clay covering his skin, reminiscent of a decaying and old sculpture that is nonetheless full of grace and stature.

Although Ritts’ photography offers insight into his version of reality, they simultaneously offer an insight into my own. When walking through the gallery, I found myself looking inward, struck by a sense of nostalgia and familiarity.

The height of Ritts’ career came in the ‘80s to the early 2000s, right before his premature death. He played a crucial role in defining the pop culture of that time; his pictures graced the covers of magazines, television screens, and billboard fronts. We

have all likely seen one of his works in one place or another without even realizing it. When looking at several specific photographs, I noticed that they felt simultaneously familiar and new to me. Although I can vaguely remember seeing some of these images when I was younger, at that age, my perception and understanding of the world was incredibly different and limited. By seeing these photos again, I realized how much I have changed and matured. These images offer a rich insight into a world that I had certainly lived through but had hardly experienced.

His photographs focused on highlighting the human body’s beauty.

But what made his works so memorable, distinctive, and avant-garde? Herb Ritts was a master at juggling dichotomies. He was a master at using natural light and

the resulting shadows to define and emphasize specific contours. With the shining curves of muscles, the reflection from droplets of water, and the clear depths of people’s eyes, he was able to convey both strength and fragility simultaneously. His skill in making the natural feel glamorous redefined the world of fashion photography and put his photos on the line between art and propaganda. For instance, although the image, *Versace Dress, Back View, El Mirage, 1990*, was created to be an advertisement, it is still undeniably art. Ritts used the curved lines of the model’s billowing dress to draw the eye to the center and focus of the image, the model herself. The dress drapes the woman in a way that mirrors and dramatizes her curves, creating the impression that she is both sturdy and delicate at the same time.



Ritts’ photography captured and immortalized the experience of the ‘90s, allowing some to reminisce, some to rediscover, and others to experience for the first time. These works will be on exhibit to experience until November 8, 2015.

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12:00-1:00pm
E62-450



May 7th
5:00-6:00pm
32-155

* April 27th | 1:00-2:00pm
Lincoln Laboratory

Spiral

“SAAM Says” is a collection of narratives by sexual assault survivors and victim advocates being published during MIT Sexual Assault Awareness Month. This is the first of four pieces in the series.

He hurt me so badly that I couldn't bear the feeling of my own hands. *My* own hands touching *my* face, *my* skin. He had tarnished them. Soiled them because all I imagined were his prickly, aggressive, unloving hands.

He was not a stranger. He was not a monster. He was my friend. Someone I thought highly of, trusted and adored. My exasperation and fury ebbed and flowed. I agonized over whether to report him to the MIT Committee on Discipline or the police. As if I needed more agony.

He texted me “Happy birthday!” He didn’t realize that we weren’t on speaking terms. He, in fact, wanted to grab dinner. What did I want? To grab his neck for throwing me into a spiral of anxiety, fear, and un-

relenting pain. I met with him in person. While our eyes were locked, his face bore the most pathetic expression. He seemed remorseful.

I reasoned that friends forgive. My friends were my world. I couldn't just blast Antarctica off the face of the Earth. I could forgive him. I could fix him. And I could forgive and fix myself.

I wrote him letters. He needed to know how I was feeling — my pain, confusion, and most importantly, my willingness to fix our friendship. I would brave the stairs to the fifth floor of his dorm and tiptoe down the hallway. Like a ninja, I slid my letters under his door. Then it was time to run. Fast. Real fast. Turbo, super-charged, all cylinders, “woosh.” I couldn’t see him. Not yet.

When I fixed us, I would be able to shut my eyes and not scream silently in fear. And I would be able to smile. I had to fix us.

I wrote him this letter ten days after he assaulted me. I never gave it to him. It's pretty pathetic.

I felt a lot better today. I barely thought about it and you all day. When I did think about you, I really wanted to see you. I wanted to text you to see if you were in your room, then come up and talk for an hour like we usually do. But I'm not ready for that yet. And we still haven't figured out what to do next. What's the best way to help you. I don't know how you're feeling. I have a lot of people to talk to about how I'm feeling. Too many sometimes. It's helping me feel more removed so I can move on. If you need someone to talk to, VPR is a good place. Or mental health. They're both confidential. Maybe you don't need them. I'm sorry to assume. One person I talked to asked me, "why are you protecting him?" She thought I cared too much about how this would affect you. Maybe because I just really hope it has affected you. Not because I want you to feel as horrible as I have sometimes; it's not from a place of revenge. But remorse is a step towards doing better next time. I just want to know that you do care. That we are friends. I've lost some friends over this. I just saw how

flimsy our friendship was and that they really didn't care. I liked our friendship. I really liked you. I tried to let you know that. But not in a romantic way. I'm not sure why that was so hard for you, not to understand, but not to act on. Any guy I'm "romantic" with, I stop talking to eventually. I didn't want that to happen. But maybe now it has anyways. I'm still not sure. It matters what you want and how you're feeling, too. And if me writing letters bothers you just text me that. I just want to tell you what I'm thinking. I hate when I don't know how my friends are feeling. I miss you. I don't know if that means something is wrong with me. Possibly.

I nearly imploded trying to fix our friendship. My heart was littered with landmines loaded with ugly memories. If I continued my charge, I would have suffocated on the ashes of our remains. So I abandoned him and preserved what remained of my spirit. I never fixed us but I can smile. I'm so happy to smile.

Note: This account has been kept anonymous to protect the identity of the author.



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President of Niger visits MIT

On April 3, President Mahamadou Issoufou of Niger visited MIT and toured the biophysics laboratory of Ibrahim Cissé, a native of Niger and an assistant professor of physics courses including 8.01 and 8.02. Impressed by Professor Cissé’s and his team’s research into deciphering the physics of molecular mechanisms in living cells, President Issoufou said that his country should follow the “Cissé model” of scientific achievement. Cissé, who in October 2014 received a \$2.34 million New Innovator Award from the National Institutes of Health for the study of transcription in

live mammalian cells, conversed with President Issoufou throughout the afternoon and said, “It’s an honor for us to have the president visit us,” according to an MIT News release. Namrata Jayanth, a post-doctoral associate working in Cissé’s lab, said: “We were very excited to present our research to [Issoufou]. We were even more thrilled that he took such a keen interest in the lab research and spent time talking to each one of us about our area of specialization.” This was the second time that Issoufou had visited MIT. The first was in 1981. —William A. Rodríguez

Man arrested after bag of human remains found in Kendall Square

A duffel bag containing parts of a dismembered body was found in front of the Biogen office in Kendall Square roughly half a mile away from the MIT campus on Saturday after the Cambridge Police Department received a call about a suspicious package. The remains have been identified as belonging to Jonathan Camilien, 26, of Somerville. Carlos Colina, 32, of Cambridge has been taken into custody and charged with assault and battery. Colina, who pled not guilty, knew Camilien before the incident, according a report released by the Middlesex County District Attorney’s Of-

fice on Monday. Security footage led police to a nearby apartment complex, where additional body parts were found and identified as belonging to Camilien. Police heard a vacuum and noticed the smell of bleach coming from one of the apartments, and Colina eventually emerged with scratches and chemical-soaked clothes, according to press reports. Colina was previously charged with assault and battery in a pending case and has a history of aggression. His bail was set at \$1 million and he will return to court on April 14. —Sanjana Srivastava

Paper bags will cost 10 cents with subsidies for poor, elderly

As store owners argue against ban, councillor says we survived without plastic before, and we will again

Plastic, from Page 1
tion statewide since 2009. Supporters of the ban, however, argue that its environmental benefits outweigh any inconveniences it may cause. “All in all, I think it’s a win-win for everybody,” said city councillor Dennis Carlone. “We somehow survived without plastic before, and we will do it again.” To offset inconveniences caused by the ban, revenue generated by the paper bag fee will go directly to the establishment. Furthermore, businesses have the option to apply for an exemption from the ban in cases of “undue hardship.” Cambridge joins the nearby municipalities of Newton, Brookline, and Manchester-by-the-Sea, which have passed similar legislation banning plastic bags.

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In closing statements, prosecution emphasizes terrorism, defense stresses role of brother Tamerlan

The next phase of the trial will determine whether Tsarnaev is sentenced to life in prison or given the death penalty. Executions were outlawed in Mass., but this is a federal trial.

Tsarnaev, from Page 1

monumentally failed. We know Sean would be very proud of that.”

Jeff Bauman, a survivor who lost both his legs in the bombings, wrote on Facebook, “Today’s verdict will never replace the lives that were lost and so dramatically changed, but it is a relief, and one step closer to closure.”

Many survivors and families of the victims were present in court to hear the verdict, including the parents of Martin Richards, the 8-year old boy who was killed by the bombings. Richards’ mother, Denise, was seen wiping away tears in the courtroom.

In a press release, Mayor Martin Walsh said he was “thankful that this phase of the trial has come to an end” and “hopeful for a swift sentencing process.”

Massachusetts Governor Charlie Baker said, “I hope this brings some degree of closure to those individuals and their families whose lives were changed forever on that horrific day.”

Among the other charges, Tsarnaev was convicted of using weapons of mass destruction — pressure cooker bombs at the marathon and pipe bombs during a subsequent manhunt in Watertown, Massachusetts. The bombs left three dead and over 250 injured. Tsarnaev was also found responsible for the death of MIT police officer Sean Collier.

Although it is unknown whether he or his brother, Tamerlan, fired

the trigger, it was shown during the trial that Tsarnaev obtained the Ruger handgun used to kill Collier and that Collier’s blood was found on the keys and inside of Tsarnaev’s car. An MIT graduate student also testified in court that he saw Tsarnaev leaning into the window of Collier’s cruiser. Tsarnaev was ultimately convicted for murdering Collier or “aiding and abetting” his brother in doing so.

Although Tsarnaev’s lead attorney, Judy Clarke, admitted that he was responsible for the bombings in her opening statements five weeks ago — “It was him,” she said — jurors were still confronted with weeks of emotional testimonies as the government built its case. The 30 charges took the 12 jurors over 11 hours to deliberate on, likely because of the many details in each charge.

After seven hours of deliberation on Tuesday, the jury asked the judge two questions, one of which pertained to the three counts of conspiracy that Tsarnaev was charged with. As WBZ-TV’s Jim Armstrong reported, the jury wanted to know if conspiracies include planning events over multiple days, likely concerning the death of Collier, which happened three days after the bombings. Judge George O’Toole said it could, but that it was up to the jury to decide if it applied here.

The more disputed phase of the trial is bound to be the sentencing phase, in which the same jury will

determine whether Tsarnaev will spend his life in prison or be sentenced to death.

In cases where juries had to decide between life and death, according to the Justice Department, 41 of the 159 total federal death penalty trials taken by the US government between 1995 and 2000 resulted in capital punishment. If Tsarnaev were sentenced to death row, his execution would be the first one to take place in Massachusetts since 1947. The state outlawed capital punishment in 1982, but since this is a federal trial, the death penalty remains a possibility.

The sentencing phase will consist of prosecutors presenting evidence known as “aggravating factors” as they try to sentence Tsarnaev to the death penalty. Aggravating factors may include the intentional murder of a child, which prosecutors have tried to show in this case by claiming Tsarnaev targeted Martin Richards when he placed the bomb near the finish line of the marathon.

The defense will try to counter the government’s aggravating factors with mitigating factors, such as showing how Tsarnaev was influenced by his brother and not jihadism directly. These mitigating factors were not allowed during the first phase of the trial, but with its conclusion, Tsarnaev’s attorneys are expected to bring in witnesses to relate the personal side of Tsarnaev’s life.

During closing arguments on

Monday, Tsarnaev was surprisingly more active than he’s been in prior proceedings, whispering to his attorneys for extended periods and reading through notes at the defense table. He smiled to his attorneys after walking into the courtroom.

While the counts he had been charged with were read out, though, Tsarnaev appeared apathetic. At one point, he leaned so far over in his chair that his head was practically on the table in front of him.

The prosecution’s closing arguments on Monday were presented by Alope Chakravarty, who delivered a powerful—at times, almost theatrical—narrative of the evidence against Tsarnaev. Survivors and their family members were seen tearing up as graphic images and videos from earlier in the trial were reintroduced.

Chakravarty painted a portrait of a cold-blooded terrorist who wanted to kill Americans. “It was a coordinated attack to maximize the terror,” he said of the two brothers.

Jurors were shown video outside The Forum restaurant where the second bomb went off. In the video, the crowded area of people cheering is immediately interrupted by a yellow flash before the screen turns to a dark-red tint. As the smoke vanishes, a haunting scene emerges, showing people fallen to the ground.

The climax of the government’s closing arguments came when Chakravarty described how Tsar-

naev was trying to seek revenge on America after becoming engrossed in terrorist readings. He was making a statement, said Chakravarty, “an eye for an eye.” As Chakravarty raised his voice to a near shout, he walked over to within feet of Tsarnaev and angrily waved his finger at him. Tsarnaev sat completely still as everyone’s eyes landed on him.

Tsarnaev’s lead attorney, Judy Clarke, followed with the defense’s closing arguments. “There is no excuse. No one is trying to make one,” Clarke told jurors. “It was a senseless act.”

Clarke went on to demonstrate how the brother, Tamerlan, was the mastermind behind the attacks. She mentioned phone records that show how Tamerlan was the one to buy the pressure cookers for the bombs.

“We don’t deny that [Tsarnaev] fully participated in the events. But if not for Tamerlan, it would not have happened.”

Rather than describing a home-grown terrorist, Clarke presented the picture of a 19-year-old boy swayed by his brother.

Clarke’s strategy did little to save Tsarnaev from being convicted of all 30 charges. However, the defense’s narrative of Tsarnaev’s motivations will truly be tested in the second phase of the trial, where jurors will make the life-or-death decision.

Lenny Rowe of the Suffolk Voice contributed reporting.

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After contract with Lil B was signed, MIT, BSU were obligated to pay rapper in full

Transfer of funds from UA to BSU was ultimately ruled ‘inappropriate’

Lil B, from Page 1

tant Director for Student Activities and Finance. “When a student group is transferring either revenues or expenses from their account to another Institute account, it will require my signature as well.” Codner said the change would not affect the ability of student groups to host large events. The SAO will also “make sure we have financial signatories coming in to ask for contracts, not just someone saying ‘I’m a member of this club,’” said Gallant.

This change is designed to prevent a repeat of what happened in October, when a student approached the BSU about bringing rapper Lil B to campus. “He was wondering if we would join him in doing that,” said Grace B. Assaye. The BSU executive board was still deliberating when they discovered that the student had already initiated a contract with Lil B, which was signed on October 21. The funds from the UA were authorized on October 24, but BSU executive board members were wary about moving forward.

“We were planning not to go through with the event,” said BSU Treasurer Yuseff Hamm ‘16. “We wanted to transfer the money back to the UA.” When Yuseff contacted the SAO to reverse the transfer, he found it was too late. “The train was already kind of down the track at this point,” said Gallant. “Even if we had said ‘don’t come to campus,’ we would still have been under obligation to pay [Lil B]. Basically we were under contract because it was signed with the understanding that everybody was good to go.”

Despite not having planned to host the event in the first place, the BSU felt that students were excited about bringing Lil B to campus and didn’t want to disappoint. After recovering from an “initial shock,” the BSU decided to “put on the best possible event that we could ... as if it was our own in the first place,” said Rasheed K. Auguste ‘17, an member of the BSU executive board. It wasn’t until January that questions arose about where the UA money had come from, or whether its transfer had been authorized by the proper UA channels.



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Solution to Sudoku I
from page 5

3	5	6	2	1	8	9	4	7
1	4	9	5	7	6	3	2	8
8	7	2	3	9	4	5	1	6
2	9	3	7	8	1	4	6	5
7	6	8	9	4	5	2	3	1
5	1	4	6	2	3	7	8	9
4	2	1	8	5	7	6	9	3
6	8	5	4	3	9	1	7	2
9	3	7	1	6	2	8	5	4

Solution to Sudoku II
from page 5

7	6	8	5	2	4	1	3	9
4	9	3	6	1	7	8	2	5
2	1	5	3	8	9	4	6	7
5	8	7	2	3	1	6	9	4
1	2	9	7	4	6	3	5	8
3	4	6	9	5	8	2	7	1
9	3	1	8	7	2	5	4	6
6	5	4	1	9	3	7	8	2
8	7	2	4	6	5	9	1	3

Solution to Techdoku I
from page 5

3	2	6	1	4	5
4	3	1	2	5	6
2	1	5	6	3	4
6	5	3	4	1	2
5	4	2	3	6	1
1	6	4	5	2	3

Solution to Techdoku II
from page 5

3	1	4	6	2	5
2	6	3	5	1	4
5	3	6	2	4	1
6	4	1	3	5	2
1	5	2	4	6	3
4	2	5	1	3	6

Solution to Crossword
from page 6

A	S	P	C	A	P	O	M	P	C	A	W		
S	T	E	A	L	O	R	A	L	H	B	O		
S	U	N	V	A	L	L	E	Y	I	D	A	H	O
B	E	R	N	E	S	E	H	E	A	R	O	F	
A	N	D	Y	M	U	S	E	S	I	R			
S	T	Y	T	W	O	S	O	M	E	S	R		
			C	O	I	N	E	D	L	A	M	E	
S	P	A	R	K	S		N	E	V	A	D	A	
S	I	L	T	Y	J	O	B	O	N	E			
N	E	A		O	C	A	N	A	D	A	H	O	G
C	C	S		H	I	S	S		W	A	N	E	
P	R	A	N	C	E		I	N	T	E	R	I	M
A	U	R	O	R	A	C	O	L	O	R	A	D	O
P	S	T		I	P	O	D		G	I	V	E	N
A	T	E		B	O	N	D		O	P	E	N	S

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April's Player of the Month: Maryann Gong '17

NCAA DIII Women's Track Athlete of the Year tells what inspires her to persevere



Maryann Gong '17, recently named NCAA Division III Women's Track Athlete of the Year, runs at a national meet on March 13.

By Souparno Ghosh
SPORTS EDITOR

The Tech's April Player of the Month is Maryann Gong '17. Gong was recently named the NCAA Division III Women's Track Athlete of the Year by the U.S. Track and Field and Cross Country Coaches Association. She won the 3000m race at the national meet to go along with a third place finish in the mile race and helped her team clinch second in the relay. She was also instrumental in leading the women's track and field team to victory in the Division III regional meet.

Remarkably, by the time we had a chance to catch up with her, she had already started training for the cross-country season. Her determination to be the best was very apparent. As Coach Taylor, the director of Track and Field and Cross Country at MIT put it: "Maryann is a very talented runner, but that is not what separates her from the rest. What sets her apart is that she not only says she wants to be the best, she is willing to do what it takes to get there. She is very coachable and extremely dedicated. She wants to reach her potential and will not back down due to the required workload. Maintaining a 5.0 GPA and running 80 miles per week, and all that comes with that (travel to competitions, seeing the athletic trainers regularly, cross training, mental training, strength training) requires amazing time management and keeping the goals in focus. In my 35 years of coaching there have only been a handful of student-athletes willing and able to do the work required for such ex-

cellence in both areas."

Despite her tight schedule, Maryann Gong was generous with her time as she gave us a glimpse of what it takes to be premier student-athlete at MIT. From race strategy to a TV series recommendation to a quote on her wall, this is Maryann Gong unplugged:

The Tech: Congratulations on being named NCAA Div. III Track Athlete of the Year and winning the 3000m race at the national meet.

Maryann Gong: Thank you! I think overall our indoor season was good for me on a personal level and also for the team, because last year the women's team was close but did not quite win the Division III regionals. This year we all brought our A game and won the regional meet overall. Personally I had two good races, the mile and the 800m.

TT: Can you explain to us what the track and field season is like? When does it start? When are the indoor and outdoor meets?

MG: For distance athletes, a lot of us do cross-country, which is during the fall, so we don't start training for track till cross-country is over. I started training for the indoor season on December 1 last year. We participate in a lot of races at Boston University during the indoor season. They host a lot of big meets that not only attract Div. III but also Div. II, Div. I, and elite runners. That gives us a great opportunity to race people who are really fast.

Most of our season is geared towards the regional meet. There are strong teams like Middlebury and Williams College who pose stiff challenges. We were able to overcome them this year, which was good.

Gong, Page 15

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